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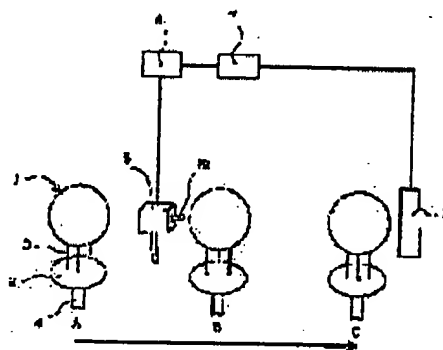
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## (54) COATING METHOD AND COATING DEVICE FOR GOLF BALL

(57)Abstract:

**PURPOSE:** To efficiently form a coating film having a uniform film thickness by forming the coating film of a prescribed thickness on the surface of a golf ball, then nondestructively measuring the coating film thickness at plural points, analyzing the results thereof, detecting presence or absence of the unequal coating and feeding back coating conditions under which the unequal coating is prevented.

**CONSTITUTION:** A coating material is ejected out of a spray gun 5a of a coating machine 5 and coating is executed according to the prescribed coating conditions when the golf ball after the completion of molding is supported by a rotary flash table 2 and is brought to be moved to a coating application position B. Next, the thickness of the coating film and the degree of the unequal application are measured by a coating film detector 6 using a method, such as for subjecting the entire surface of the golf ball to image processing by UV rays irradiation when the ball is sent to a coating film detecting position C. The measurement conditions are sent to a data analyzer 7 by which the conditions are analyzed and the present coating conditions and the resulted coating conditions are compared. The fresh coating conditions are fed back to a coating adjuster 8 when the conditions exceed the threshold. The coating conditions of a coating machine 5 are thus adjusted to the optimum state.



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